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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/816,776 | 04/02/2004 | Amitabh Jain | TI-34913A | 2773 |
| 23494 7590 10/23/2007 TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 DALLAS, TX 75265 | | | EXAMINER STARK, JARRETT J | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2823 | |
| | | | NOTIFICATION DATE | DELIVERY MODE |
| | | | 10/23/2007 | ELECTRONIC |

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| APPLICATION NO./ CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION | ATTORNEY DOCKET NO. |
|---------------------------------|-------------|---|---------------------|
| 10816776 | 4/2/2004 | JAIN ET AL. | TI-34913A |

TEXAS INSTRUMENTS INCORPORATED
P O BOX 655474, M/S 3999
DALLAS, TX 75265

EXAMINER

Jarrett J. Stark

| ART UNIT | PAPER |
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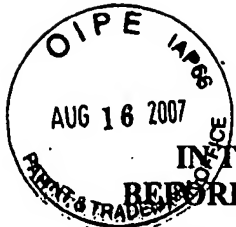
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Commissioner for Patents

Brief filed 8/16/2007 has been noted, accepted and forwarded to the Board of Appeals.

MATTHEW SMITH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800



AF
IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

In re application of

AMITABH JAIN ET AL.

Serial No. 10/816,776 (TI-34913AA)

Filed April 2, 2004

For: ULTRA SHALLOW JUNCTION FORMATION

Art Unit 2813

Examiner David S. Blum

Customer No. 23494

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8-14-07

Jay M. Cantor, Reg. No. 19,906

SUPPLEMENT TO BRIEF ON APPEAL

In response to the Office action dated August 10, 2007, the following is added to replace the SUMMARY OF CLAIMED SUBJECT MATTER originally filed and as a supplement to the Brief on Appeal filed 13 April 2006:

SUMMARY OF CLAIMED SUBJECT MATTER

The invention relates to a method for forming ultra shallow junctions in a semiconductor substrate. In order to form ultra shallow junctions, it is essential to retain implanted dopant close to the surface of the device with high active dopant concentrations after the annealing procedure. Prior art annealing procedures have resulted in greater dopant migration away from the device surface than is provided by the present invention, thereby